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Abstract

Cutting bit for camshaft milling cutters and disc milling cutters for same

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The present invention concerns a cutting bit for camshaft milling cutters, comprising a substantially cuboidal cutting body (1) with an upper face (2) and a lower face (3) substantially parallel thereto, four side faces (4, 4') and cutting edges (5, 6, 7) which are formed along the lines of intersection of the side faces (4, 4') with the upper face (2) and/or the lower face (3), and a corresponding disc milling cutter. In order to provide a cutting bit and a corresponding disc milling cutter which are simpler to produce and the use of which makes it possible to produce cam profiles with a straight main part which is parallel to the axis (being for example cylindrical), bevels at the edges and/or at one or both sides extension portions of smaller diameter, with a higher degree of efficiency, it is proposed in accordance with the invention that the upper face (2) and/or the lower face (3) have at mutually diagonally oppositely disposed corners raised corner regions (8) which project beyond the plane of the upper and lower faces (2, 3) respectively and which extend to the side faces (4, 4') so that the cutting edges (5, 6, 7) are at least partially formed by the line of intersection of the side faces (4, 4') with the face of the raised corner regions (8).

Figure 5